Table 3.2 Special Status Animals Documented at Proposed Release Sites

Species	Common Name	Federal Status	State Status	Other	Release Site (# CNDDB Occurrences	) Known Occupied Habitats
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			F	ederally or State-Listed,	Proposed, or Candidate Species	
Invertebrates						
						volcanic rubble substrate on sand/gravel in low gradient cool clear
Pacifastacus fortis	Shasta crayfish	FE	CE		Shasta (19)	water of Fall and Hat creek drainages, Pit River system
Fish					T	
Cottus asperrimus	Rough sculpin	FSC	СТ	CDF : Fully Protected	Shasta (06)	restricted to the Pit River immediately above and below the falls at Burney, Hat Creek, and Fall River; likely spawn in spring
Oncorhynchus clarki henshawi	Lahontan cutthroat trout	FT	None		Sierra (06) El Dorado (02)	Truckee, Carson, and Walker rivers; Donner Creek; and Pyramid, Walker, Donner, Independence, and Summer lakes.
Oncorhynchus mykiss irideus	Summer-run steelhead trout	FC	CSC	FS : Sensitive	Mendocino (01)	River, Canyon Creek, Klamath drainage, Salmon River, Wooley Creek, Redwood Creek, Smith River. 50% of California's summer rur is in the Middle Fork Eel River.
Amphibians						
Rana aurora draytonii	California red- legged frog	FT	CSC	DFG Protected	El Dorado (01)	permanent, cool waters of ponds, lakes, reservoirs, and streams offering dense shrubbery and emergent vegetation; sea level - 8,000 ft
Rana muscosa	Mountain yellow-legged	FPE	CSC	DFG Protected	El Dorado (40) Phymas 04)	ponds, lakes, and streams at moderate to high elevations; prefers sloping banks with rocks or vegetation near the water's edge; 4,000 to 11,000 feet
Birds	frog	FPE	CSC	DFG Protected	El Dorado (19) Plumas 01)	11,000 feet
Buteo swainsoni	Swainson's hawk	None	СТ	BLM : Sensitive	Lassen (02) Sierra (01)	near, riparian habitats; forages in undisturbed grasslands, irrigated pastures, and agricultural fields of alfalfa, small grains, and some row crops
Empidonax traillii	Willow	None	CE	FWS : MNBMC FS : Sensitive	Sierra (11) El Dorado Lassen (05) Plumas (09) Shasta (01)	fringes of riparian vegetation near streams and meadows
Grus canadensis tabida	Greater sandhill crane	None	СТ	DFG : Fully Protected	Sierra (08) Lassen (20) Plumas (07) Shasta (28)	wet meadows, fresh emergent wetlands, open grain fields, dry plains
Haliaeetus leucocephalus	Bald eagle	FT FPD	CE	CDF : Sensitive DFG : Fully Protected	Sierra (06) El Dorado (02) Lassen (30) Mendocino (02) Plumas (17) Shasta (26)	nests primarily in snags and tall, live trees esp. Ponderosa pine, foothill pine, and sycamore near open water
Riparia riparia	Bank swallow	None	СТ		Plumas (06) Shasta (09)	colonial nester in vertical banks of creeks and rivers; requires fine- textured/sandy soils to excavate holes
Strix occidentalis caurina	Northern spotted owl	FT	None	CDF : Sensitive FWS : MNBMC	Mendocino (111) Shasta (21)	mature coniferous forest, north facing slopes near permanent water
Strix nebulosa Mammals	Great gray owl	None	CE	FS : Sensitive CDF : Sensitive	Sierra (02) Mendocino (01)	large montane meadows, large snags, in mature coniferous forests

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Gulo gulo	California wolverine	FSC	СТ	DFG : Fully Protected	Sierra (06) El Dorado (06) Mendocino (02) Plumas (03) Shasta (10)	open areas in dense mixed conifers, montane meadows remote from human activity
	Sierra Nevada					dense vegetation or rocky areas, hunts in open areas usually above
Vulpes vulpes necator	red fox	FSC	СТ	FS : Sensitive	Lassen (02) Plumas (05) ecies of Special Concern	7,000 feet
Invertebrates				rederal of State Sp	ecies of Special Concern	
Monadenia mormonum buttoni	Button's Sierra sideband snail	FSC	None		El Dorado,	moist canyons, limestone areas of El Dorado and Calaveras counties
Connie le suetre	Lake Tahoe benthis	FSC	Nana		El Darada (04)	Lake Tahoe endemic, 95-400 ft depth; associated with deepwater
Capnia lacustra	Spiny rhyacophilan		None		El Dorado (01)	plant communities of algae, mosses and liverworts
Rhyacophila spinata	caddisfly	FSC	None		El Dorado (01)	cool, running water
Fish						
Cottus klamathensis macrops	Bigeye marbled sculpin	None	CSC		Shasta (06)	distributed throughout the middle reach of the Pit River system
Gila bicolor ssp.	Eagle Lake tui	None	CSC		Lassen (01)	school in open waters of Eagle Lake; spawn and congregrate in near- shore algal beds;
она ысою зэр.	CHUD	None	000		Lasserr (01)	Shore algar beds,
Lavinia symmetricus mitrulus	Pit roach	FSC	CSC		Shasta (05)	Pit River and tributaries to Goose Lake
Mylopharodon conocephalus	Hardhead	None	CSC		Shasta (07)	distributed in low to mid-elevation streams in the main Sacramento- San Joaquin drainage, Russian River drainage
Oncorhynchus mykiss aquilarum	Eagle Lake rainbow trout	FSC	CSC		Lassen (01)	endemic to Eagle Lake; propagated in fish hatchery, due to barrier along Pine Creek
Onchorhynchus mykiss ssp. 2	McCloud River redband trout	None	CSC		Shasta (03)	tributaries to the McCloud River (Sheepheaven, Tate, Edison, and Moosehead creeks), from the McCloud River above Middle Falls
Amphibians				I		
According to a	T-7-16	500	00	DEO. E. II. D	Observa (OA)	cold, clear aquatic habitats associated with old-growth stands of varied composition interspersed with chaparral, scrub, or grassland;
Ascaphus truei  Hydromantes	Tailed frog  Mount Lyell	FSC	CS	DFG : Fully Protected	Shasta (01)	sea level to 6,000 feet granite exposures and fissures proximal to areas of free surface water and low-growing plants associated with north to northeasterly
platycephalus	salamander	FSC	cs	DFG : Fully Protected	El Dorado (01)	exposures; 3,600-7,900 feet
, ,	Foothill yellow-			FS : Sensitive		shallow water streams with cobble substrate, sloping banks with
Rana boylii	legged frog	FSC	CSC	DFG : Fully Protected	El Dorado (06) Mendocino (07)	rocks or vegetation near water's edge, sea level to 7,000 feet.
Rana cascadae	Cascades frog	FSC	CSC	FS : Sensitive DFG : Fully Protected	Shasta (03)	ponds and ephemeral waters characterized by herbaceous growth in areas where substrate remains moist; occur more typically in waters uninhabited by predatory fish; 700 to 7,500 feet

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Species	Common Name	Federal Status	State Status	Other	Release Site (# CNDDB Occurrences)	Known Occupied Habitats
				BLM : Sensitive		
Clemmys marmorata	Northwestern			FS : Sensitive		permanent water with aquatic vegetation, basking sites, upland
marmorata	pond turtle	FSC	CSC	DFG : Protected	El Dorado (02) Mendocino Shasta (01)	burrows, sea level to 6,000 feet

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Species	Common Name	Federal Status	State Status	Other	Release Site (# CNDDB Occurrences)	Known Occupied Habitats
Birds	Name	Status	State Status	Other	Release Site (# CNDDB Occurrences)	Known Occupied Habitats
Dilus						
Ardea heriodias	Great blue heron	None	None	CDF : Sensitive	Shasta (02)	freshwater and brackish marshes, swamps, lakes, and rivers
Accipiter cooperii	Cooper's hawk	None	CSC		Plumas	riparian woodland in deciduous trees or live oaks, coniferous forest, lower elevations
Accipiter gentilis	Northern goshawk	FSC	CSC	CDF : Sensitive FWS : MNBMC FS : Sensitive	Sierra (14) El Dorado (12), Lassen (26) Mendocino (09) Plumas (22)	mature coniferous forest, snags and topped trees, prey base, free water
Agelaius tricolor	Tricolored blackbird	FSC	CSC	FWS : MNBMC BLM : Sensitive	El Dorado (01) Plumas (01)	colonial nests near open water and foraging habitat
Aquila chrysaetos	Golden eagle	None	CSC CFP	BLM : Sensitive CDF : Sensitive	El Dorado (01)	open habitats, montane and foothills
Asio otus	Long-eared owl	None	CSC		Sierra (01)	coniferous forest, especially near water, occasionally decidious forest and woodland
Cypseloides niger	Black swift	None	CSC	FWS : MNBMC	Shasta (01)	montane habitats, sea cliffs and caves
Dendroica petechia brewsteri	Yellow warbler	None	CSC		Mendocino	Inhabits riparian and cultivated areas, foraging in trees
Falco mexicanus	Prairie falcon	None	CSC		Sierra (04) Lassen (01) Mendocino (05) Plumas (01) Shasta (01)	open habitat in montane regions, shortgrass prairies, alpine tundra
Icteria virens	Yellow- breasted chat	None	CSC	FWS : MNBMC	Mendocino (01)	Inhabits riparian and associated vegetation, especially with dense tangles of vegetation
Larus californicus	California gull	None	CSC		Plumas (01)	(nesting) islands, open sand or gravel with scattered grass, or along lake and pond shores
Pandion haliaetus	Osprey	None	CSC	CDF : Sensitive	El Dorado (08) Lassen (73) Plumas (33) Shasta (20)	builds large nests in treetops or snags, within 15 miles of good fish producing water bodies, e.g., lakes, rivers, and reservoirs
Phalacrocorax auritus	Double-crested cormorant	None	CSC		Lassen (01)	rivers, lakes, marshes, and coasts
Mammals						
Aplodontia rufa californica	Sierra Nevada mountain beaver	FSC	CSC		Sierra (08)	permanent, preferably deep, water in river, streams, lakes, or ponds near riparian forests
Corynorhinus townsendii pallescens	Pale big-eared	FSC	CSC	FS : Sensitive BLM : Sensitive	Shasta (03)	caves, mines, tunnels, buildings, or other structures for roosting; nocturnal; hibernates
Martes americana	Pine marten	None	None	FS : Sensitive	Sierra (01) El Dorado (06) Lassen Mendocino Plumas, Shasta (01)	dense mixed conifer with large snags, riaprian areas, caves, in areas with limited human use, carnivorous

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Martes pennanti				FS : Sensitive		mature riparian and dense coniferous forests; snags, rocky areas;		
pacifica	Pacific fisher	FSC	CSC			mostly carnivorous		
	codes and definit	ions are taker	i from the July 2001 Speci	cial Animal List, California Department of Fish and Game				
Federal	ederal State			Other				
FE = Endangered	FE = Endangered CE = E		ered	CDF = California Department of Forestry				
FT = Threatened	FT = Threatened CT = Threatened		ned	BLM = Bureau of Land Management				
FSC = Special Conce	FSC = Special Concern Species		es of Special Concern	FS = US Forest Service				
FPD = Proposed for Delisting				FWS = Fish and Wildlife	Service			
.,				FWS MNBMC = Migratory Nongame Birds of Management Concern				
			DFG = California Department of Fish and Game					
		DFG Protected = May not be taken or possessed without a permit from the Fish and Game Commission or the Department of Fish an						
			DFG Fully Protected = May not be taken or possessed without a permit from the Fish and Game Commission or the Department of Fish an Game.					